

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yankee Slough	Right	4.12	03/12/2019 03/12/2019	Sterling York

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD1001_01_s_2012_1				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies on hand at their district office.					

No Photos

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD1001_01_s_2012_2				
Comment Code					
Inspector Comment					
The LMA participates in the flood fight class put on by RD784 and DWR annually.					

No Photos

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD1001_01_s_2012_3				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M manuals at the district office.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yankee Slough	Right	4.12	03/12/2019 03/12/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	11
LM End	3.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.980267 °	38.967114 °
				-121.470113 °	-121.533804 °
DWR ID	DWR_RD1001_01_s_2019_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_36_11_20190320_00015.jpg



View looking upstream waterside of the well maintained annual vegetation, Spring 2019.

LM Start	0.00	Rating **	A	Issue No.	10
LM End	3.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.980267 °	38.967114 °
				-121.470113 °	-121.533805 °
DWR ID	DWR_RD1001_01_s_2019_10				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_36_10_20190320_00014.jpg



View looking upstream landside of the well maintained annual vegetation, Spring 2019.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yankee Slough	Left	3.65	03/05/2019 03/05/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	7
LM End	3.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.971342 °	38.965811 °
				-121.473997 °	-121.533591 °
DWR ID	DWR_RD1001_02_s_2019_7				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_35_7_20190320_00027.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2019.

LM Start	0.01	Rating **	A	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.971342 °	38.965811 °
				-121.473997 °	-121.533591 °
DWR ID	DWR_RD1001_02_s_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_35_8_20190320_00028.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2019.

LM Start	1.33	Rating **	M	Issue No.	4
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.969740 °	38.969640 °
				-121.494327 °	-121.494829 °
DWR ID	DWR_RD1001_02_f_2018_4				
Comment Code					
Inspector Comment					
2017 Site ID: YAS 1.7 L					
Status: Eroding					
2017 Field Notes: No observed change.					
Site History: 2011 - New erosion site. Steep eroding slope. Fairly old scarp with vegetation growth.					

No Photos

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yankee Slough	Left	3.65	03/05/2019 03/05/2019	Sterling York

LM Start	2.28	Rating **	M	Issue No.	55
LM End	2.28	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.967403 °	38.967403 °
				-121.510953 °	-121.510953 °
DWR ID	22543				
Comment Code					
Inspector Comment					
FS_ID:14008 DS_ID:22543 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/23/2013 - slide gate in inlet pipe on landside - pits on pipe due to corrosion (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate and concrete U-shaped headwall at outfall on the waterside (WS) end. Slide gate at inlet on the landside (LS) end. (Reclamation District No. 1001). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 141.1, August 1955, (Station 67+75)]. FS Date: 5/23/2013					

Photo 1 of 3 : UCIP_SP_2019_14008_23108.jpg



WS- overview of waterside of the levee.

LM Start	2.28	Rating **	M	Issue No.	55 (cont)
LM End	2.28	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2019_14008_23107.jpg



WS- outfall pipe with flap gate in concrete wing wall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yankee Slough	Left	3.65	03/05/2019 03/05/2019	Sterling York

LM Start	2.28	Rating **	M	Issue No.	55 (cont)	
LM End	2.28	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.967403 °	38.967403 °	
				-121.510953 °	-121.510953 °	
DWR ID	22543					
Comment Code						
Inspector Comment						
FS_ID:14008 DS_ID:22543 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 05/23/2013 - slide gate in inlet pipe on landside - pits on pipe due to corrosion (P. Amatya - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 15 feet below the crown. Flap gate and concrete U-shaped headwall at outfall on the waterside (WS) end. Slide gate at inlet on the landside (LS) end. (Reclamation District No. 1001). [Additional Reference(s): DWR Levee Log, 1993. USACE Sacramento O&M Manual 141.1, August 1955, (Station 67+75)]. FS Date: 5/23/2013						

Photo 3 of 3 : UCIP_SP_2019_14008_23106.jpg



LS- slide gate in inlet pipe structure

LM Start	3.58	Rating **	C	Issue No.	24
LM End	3.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			38.965345 °	38.965345 °
				-121.532615 °	-121.532615 °
DWR ID	DWR_RD1001_02_f_2016_24				
Comment Code					
Inspector Comment					
Stockpiled flood fight material has been removed. Fall 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	8
LM End	12.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.006576 °	38.941182 °
				-121.375130 °	-121.567543 °
DWR ID	DWR_RD1001_03_s_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Well maintained annual vegetation, Spring 2019.					

Photo 1 of 2 : SP_2019_RD1001_37_8_20190320_00040.jpg



View looking downstream waterside east of the RR Tracks at the well maintained annual vegetation, Spring 2019.

LM Start	0.01	Rating **	A	Issue No.	8 (cont)
LM End	12.57	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2019_RD1001_37_8_20190320_00039.jpg



View looking downstream waterside west of the RR Tracks at the well maintained annual vegetation, Spring 2019.

LM Start	0.01	Rating **	A	Issue No.	6
LM End	12.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.006576 °	38.941182 °
				-121.375131 °	-121.567543 °
DWR ID	DWR_RD1001_03_s_2019_6				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Well maintained annual vegetation, Spring 2019.					

Photo 1 of 2 : SP_2019_RD1001_37_6_20190320_00038.jpg



View looking downstream landside east of the RR Tracks at the well maintained annual vegetation, Spring 2019.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	6 (cont)	
LM End	12.57	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.006576 °		38.941182 °
				-121.375131 °		-121.567543 °
DWR ID	DWR_RD1001_03_s_2019_6					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Well maintained annual vegetation, Spring 2019.						

Photo 2 of 2 : SP_2019_RD1001_37_6_20190320_00037.jpg



View looking downstream landside west of the RR Tracks at the well maintained annual vegetation, Spring 2019.

LM Start	1.87	Rating **	M	Issue No.	28
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.998608 °	38.998608 °
				-121.405570 °	-121.405570 °
DWR ID	DWR_RD1001_03_s_2013_28				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Continual damage to waterside slope caused by vehicles, suggest blocking access.					

Photo 1 of 1 : SP_2019_RD1001_37_28_20190305_00018.jpg



Continual damage to waterside slope caused by vehicles.

LM Start	1.87	Rating **	A/W	Issue No.	29
LM End	1.87	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.998608 °	38.998608 °
				-121.405570 °	-121.405570 °
DWR ID	DWR_RD1001_03_s_2013_29				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Continual damage caused by vehicles going around the gate, has been fixed and blocks added.					

Photo 1 of 1 : SP_2019_RD1001_37_29_20190305_00019.jpg



Continual damage caused by vehicles going around the gate.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	2.28	Rating **	M	Issue No.	30
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.996302 °	38.996302 °
				-121.412285 °	-121.412285 °
DWR ID	DWR_RD1001_03_s_2013_30				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Damage to landside slope by vehicles need to be repaired, Spring 2018.					

Photo 1 of 1 : SP_2019_RD1001_37_30_20190305_00020.jpg



View looking at waterside where slope has been disturbed by vehicle traffic, Fall 2018.

LM Start	2.59	Rating **	M	Issue No.	36
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.995583 °	38.995583 °
				-121.417995 °	-121.417995 °
DWR ID	DWR_RD1001_03_s_2015_36				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Tree less than 4" in diameter should be removed.					

Photo 1 of 1 : SP_2019_RD1001_37_36_20190305_00024.jpg



View of a small starter tree on landside slope looking downstream that is less than 4" in diameter.

LM Start	3.52	Rating **	A/W	Issue No.	906
LM End	3.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.991745 °	38.991745 °
				-121.434398 °	-121.434398 °
DWR ID	DWR_RD1001_03_s_2012_906				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	3.57	Rating **	M	Issue No.	21
LM End	3.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.991390 °	38.991390 °
				-121.435268 °	-121.435268 °
DWR ID	DWR_RD1001_03_s_2016_21				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_37_21_20190305_00014.jpg



Erosion on waterside slope still remains as of Spring 2019.

LM Start	4.06	Rating **	A/W	Issue No.	24
LM End	4.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.991370 °	38.991370 °
				-121.444351 °	-121.444351 °
DWR ID	DWR_RD1001_03_f_2016_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberries bushes have been trimmed up for access and visibility, Spring 2018.					

No Photos

LM Start	4.65	Rating **	A/W	Issue No.	58
LM End	4.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.991551 °	38.991551 °
				-121.455092 °	-121.455092 °
DWR ID	DWR_RD1001_03_s_2012_58				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility, Spring 2018.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	4.82	Rating **	A/W	Issue No.	910
LM End	4.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.990773 °	38.990773 °
				-121.458203 °	-121.458203 °
DWR ID	DWR_RD1001_03_s_2012_910				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility, Spring 2018.					

No Photos

LM Start	7.22	Rating **	A/W	Issue No.	13
LM End	7.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.982737 °	38.982572 °
				-121.501144 °	-121.502797 °
DWR ID	DWR_RD1001_03_f_2018_13				
Comment Code					
Inspector Comment					
2017 Site ID: BER 5.7 L					
Status: Eroding					
2017 Field Notes: Minor new erosion observed.					
Site History: 2008 - Sandy/silty banks with rotational slab failures creating near vertical bank with pop-outs due to tree failures. Narrow berm.					
Levee Inspector notes: Erosion is not into the levee prism on into the channel bank.					

Photo 1 of 1 : SP_2019_RD1001_37_13_20190305_00009.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	7.72	Rating **	C	Issue No.	25
LM End	7.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.980342 °	38.980342 °
				-121.509712 °	-121.509712 °
DWR ID	DWR_RD1001_03_s_2018_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Fallen tree on levee slope has been removed, Spring 2019.					

No Photos

LM Start	9.31	Rating **	A/W	Issue No.	44
LM End	9.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.970576 °	38.970576 °
				-121.533334 °	-121.533334 °
DWR ID	DWR_RD1001_03_f_2016_44				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bushes have been trimmed up for access and visibility.					

No Photos

LM Start	10.36	Rating **	M	Issue No.	12
LM End	10.40	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.964583 °	38.964010 °
				-121.544967 °	-121.545228 °
DWR ID	DWR_RD1001_03_f_2018_12				
Comment Code					
Inspector Comment					
2017 Site ID: BER 2.5 L					
Status: Eroding					
2017 Field Notes: Erosion pockets have expanded					
Site History: 2011 - Large section of bank has slumped off. RD has flagged and appears to be watching. 2012 - Slopes slightly steeper.					
2013 - Minor new erosion observed.					

Photo 1 of 1 : SP_2019_RD1001_37_12_20190305_00008.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
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WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

LM Start	11.08	Rating **	A/W	Issue No.	10
LM End	11.16	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.955070 °	38.954227 °
				-121.549528 °	-121.550592 °
DWR ID	DWR_RD1001_03_f_2018_10				
Comment Code					
Inspector Comment					
2017 Site ID: BER 1.9 L					
Status: Eroding					
2017 Field Notes: Minor new erosion observed.					
Site History: 2011 - Large slumped sections of bank. 2012 - Slopes slightly steeper.					

Photo 1 of 1 : SP_2019_RD1001_37_10_20190305_00006.jpg



USACE 2013 Photo #1

LM Start	11.23	Rating **	A/W	Issue No.	22
LM End	11.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.953367 °	38.953025 °
				-121.551428 °	-121.551808 °
DWR ID	DWR_RD1001_03_s_2012_22				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Bushes have been trimmed for access and viability, Spring 2019.					

No Photos

LM Start	12.18	Rating **	A/W	Issue No.	27
LM End	12.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.946248 °	38.946248 °
				-121.564220 °	-121.564220 °
DWR ID	DWR_RD1001_03_s_2012_27				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Bushes have been trimmed for access and visibility, Spring 2019.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Bear River	Left	12.58	03/05/2019 03/05/2019	Sterling York

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	8
LM End	13.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.941087 °	38.781222 °
				-121.567585 °	-121.605676 °
DWR ID	DWR_RD1001_04_s_2019_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_38_8_20190320_00064.jpg



View looking downstream landside at the well maintained annual vegetation, Spring 2019.

LM Start	0.00	Rating **	A	Issue No.	16
LM End	13.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.941087 °	38.781222 °
				-121.567585 °	-121.605676 °
DWR ID	DWR_RD1001_04_s_2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_38_16_20190320_00065.jpg



View looking downstream waterside at the well maintained annual vegetation, Spring 2019.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	0.37	Rating **	A/W	Issue No.	64
LM End	0.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.935903 °	38.935903 °
				-121.567250 °	-121.567250 °
DWR ID	DWR_RD1001_04_s_2016_64				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Animal trail is not being used and shows no sign of erosion or sloughing. Fall 2017.					

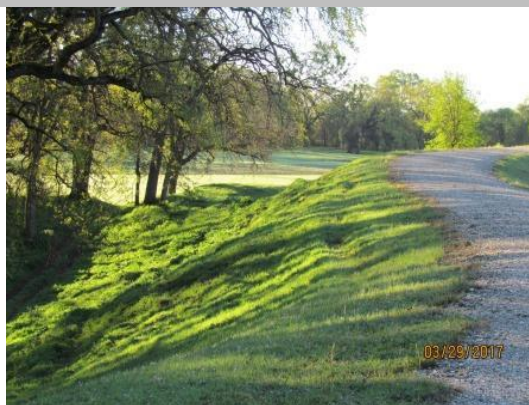
Photo 1 of 2 : SP_2019_RD1001_38_64_20190305_00033.jpg



View looking downstream of animal trail that is not being used and shows no sign of erosion or sloughing. Fall 2018.

LM Start	0.37	Rating **	A/W	Issue No.	64 (cont)
LM End	0.37	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_RD1001_38_64_20190305_00034.jpg



View looking downstream of animal trail that is not being used and shows no sign of erosion or sloughing. Spring 2017.

LM Start	0.49	Rating **	C	Issue No.	59
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.934139 °	38.934139 °
				-121.567025 °	-121.567025 °
DWR ID	DWR_RD1001_04_f_2016_59				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trees 4" in diameter or less at chest height have been removed, Spring 2019.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	0.51	Rating **	C	Issue No.	21	
LM End	0.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.933796 °		38.933796 °
				-121.567047 °		-121.567047 °
DWR ID	DWR_RD1001_04_f_2015_21					
Comment Code						
T5 : Tree stumps.						
Inspector Comment						
Stump from the landside levee slope has been removed, Spring 2019.						

No Photos

LM Start	0.55	Rating **	M	Issue No.	68
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.933299 °	38.933299 °
				-121.567069 °	-121.567069 °
DWR ID	DWR_RD1001_04_s_2016_68				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair slope damage caused by ATV, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_38_68_20190305_00038.jpg



View of ruts caused by vehicle on the landside levee slope.

LM Start	0.55	Rating **	N	Issue No.	60
LM End	0.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.933229 °	38.933229 °
				-121.567097 °	-121.567097 °
DWR ID	DWR_RD1001_04_f_2016_60				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_38_60_20190305_00031.jpg



View of tree stump, waterside crown at gate.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	0.55	Rating **	N	Issue No.	61
LM End	0.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.933229 °	38.933229 °
				-121.567097 °	-121.567097 °
DWR ID	DWR_RD1001_04_f_2016_61				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_38_61_20190305_00032.jpg



View of tree stump, landside crown at gate.

LM Start	1.06	Rating **	N	Issue No.	69
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.926128 °	38.926128 °
				-121.568241 °	-121.568241 °
DWR ID	DWR_RD1001_04_s_2016_69				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2019_RD1001_38_69_20190305_00039.jpg



View of landside toe of a stump that needs to be removed.

LM Start	1.07	Rating **	M	Issue No.	65
LM End	1.07	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.925991 °	38.925991 °
				-121.568282 °	-121.568282 °
DWR ID	DWR_RD1001_04_f_2017_65				
Comment Code					
FW : Firewood					
Inspector Comment					
Remove firewood from levee crown, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_38_65_20190305_00035.jpg



View looking downstream waterside crown at firewood.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	1.51	Rating **	C	Issue No.	67
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.919643 °	38.919643 °
				-121.569233 °	-121.569233 °
DWR ID	DWR_RD1001_04_f_2017_67				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings have been removed from levee slope, Spring 2019.					

No Photos

LM Start	2.44	Rating **	N	Issue No.	71
LM End	2.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.907466 °	38.907466 °
				-121.575413 °	-121.575413 °
DWR ID	DWR_RD1001_04_f_2018_71				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stumps should be removed from levee slope.					

Photo 1 of 1 : SP_2019_RD1001_38_71_20190305_00041.jpg



View looking landside at stumps from a fallen and removed tree, Fall 2018.

LM Start	2.80	Rating **	M	Issue No.	47
LM End	2.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.903896 °	38.903896 °
				-121.580230 °	-121.580230 °
DWR ID	DWR_RD1001_04_s_2017_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim limbs 5' for visibility.					

Photo 1 of 1 : SP_2019_RD1001_38_47_20190305_00024.jpg



View looking downstream where limbs need to be trimmed 5' for visibility.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	5.18	Rating **	M	Issue No.	70
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.882301 °	38.882301 °
				-121.611296 °	-121.611296 °
DWR ID	DWR_RD1001_04_f_2017_70				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Continual vehicles driving up levee slope should be monitored and maintained, Fall 2018.					

Photo 1 of 1 : SP_2019_RD1001_38_70_20190305_00040.jpg



View looking downstream waterside of the slope that is damage by vehicle traffic.

LM Start	5.22	Rating **	M	Issue No.	78
LM End	5.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.881768 °	38.881768 °
				-121.611302 °	-121.611302 °
DWR ID	DWR_RD1001_04_s_2016_78				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair damage on slope cause by vehicle traffic, Fall 2018.					

Photo 1 of 1 : SP_2019_RD1001_38_78_20190305_00042.jpg



Ruts still there on waterside slope due to vehicles.

LM Start	5.55	Rating **	A/W	Issue No.	79
LM End	5.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.877256 °	38.877256 °
				-121.613073 °	-121.613073 °
DWR ID	DWR_RD1001_04_s_2016_79				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	5.61	Rating **	A/W	Issue No.	35
LM End		Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.876374 °		°
			-121.613425 °		°
DWR ID	DWR_RD1001_04_f_2017_35				

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:

Site ID No:139

Site Designation:LMA-19

Repair Type: Erosion

Rating:Area of Concern

Field Date:6/6/2017

Notes: Several small erosion sites along 2 miles.

LM Start	5.61	Rating **	A/W	Issue No.	35 (cont)
LM End		Issue Type +	Ma	Location *	WS

Photo 1 of 3 : LEVAL_SP_2019_139_1148.jpg



Photo 2 of 3 : LEVAL_SP_2019_139_1154.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	5.61	Rating **	A/W	Issue No.	35 (cont)	
LM End		Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.876374 °		°
				-121.613425 °		°
DWR ID	DWR_RD1001_04_f_2017_35					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:139						
Site Designation:LMA-19						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/6/2017						
Notes: Several small erosion sites along 2 miles.						

Photo 3 of 3 : LEVAL_SP_2019_139_1155.jpg



LM Start	5.80	Rating **	A/W	Issue No.	28
LM End	5.93	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.874113 °	38.872373 °
				-121.615380 °	-121.616504 °
DWR ID	DWR_RD1001_04_f_2018_28				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 6.6 L					
Status: Eroding					
2017 Field Notes: Sandy bank slope is unraveling.					
Site History: 2011 - Erosion pockets from tree popouts. Sections of the lower bank have slumped off. 2013 - Scallop from tree popouts no longer visible on site. Minor new erosion at the middle of the bank.					
2015 - Fresh erosion from human usage.					

Photo 1 of 1 : SP_2019_RD1001_38_28_20190305_00013.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	6.42	Rating **	M	Issue No.	18
LM End	6.51	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.865875 °	38.864706 °
				-121.619983 °	-121.620813 °
DWR ID	DWR_RD1001_04_f_2018_18				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 6.0 L					
Status: Critical					
2017 Field Notes: Upgraded to critical, entire bank slope is slumping, with near vertical face					
Site History: 2011 - Tall slumping sections. Scour around trees has exposed most of the roots. 2016 - Recent large slope failure observed.					
Inspector notes: The erosion is not into the levee prism. Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_38_18_20190305_00007.jpg



USACE 2013 Photo #1

LM Start	6.57	Rating **	A/W	Issue No.	15
LM End	6.77	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.863946 °	38.861558 °
				-121.621388 °	-121.623316 °
DWR ID	DWR_RD1001_04_f_2018_15				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 5.8 L					
Status: Eroding					
2017 Field Notes: slope is not stable enough to maintain vegetation growth, new erosion					
Site History: 2011 - Large slumped sections on the lower bank. 2012 - New cracks observed.					

Photo 1 of 1 : SP_2019_RD1001_38_15_20190305_00005.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	7.06	Rating **	C	Issue No.	40
LM End	7.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.857797 °	38.857797 °
				-121.625912 °	-121.625912 °
DWR ID	DWR_RD1001_04_s _ 2018_40				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tire ruts on levee slope have been repaired, Spring 2019.					

No Photos

LM Start	7.08	Rating **	A/W	Issue No.	52
LM End	7.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.857574 °	38.857574 °
				-121.626083 °	-121.626083 °
DWR ID	DWR_RD1001_04_s _ 2017_52				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	7.47	Rating **	M	Issue No.	14
LM End	7.79	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.852394 °	38.848004 °
				-121.629231 °	-121.630873 °
DWR ID	DWR_RD1001_04_f_2018_14				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 5.0 L					
Status: Critical					
2017 Field Notes: Upgraded to critical, significant new erosion, entire bank slope is vertical with non cohesive soils.					
Site History: 2000 - Steep bank off berm with some slumps and fallen trees, continued erosion. 2002 - Site lengthened upstream and downstream due to vertical bank along most of the reach. 2010 - Site extended upstream. 2011 - Minimal new erosion. 2012 - Site extended on the upstream end, new tree pop-out, and bank erosion continues to worsen. 2013 - Minor new erosion at the toe and top of bank.					
Inspector notes: The erosion is not into the levee prism, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_38_14_20190305_00004.jpg



USACE 2013 Photo #1

LM Start	8.57	Rating **	A/W	Issue No.	13
LM End	8.97	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.836966 °	38.831498 °
				-121.634128 °	-121.636371 °
DWR ID	DWR_RD1001_04_f_2018_13				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 3.8 L					
Status: Eroding					
2017 Field Notes: New erosion along lower slope					
Site History: 2006 - Sandy, silty bank with intermittent pockets of erosion. Rotational failure and tree pop outs are most of the problem. Some upper slope fluvial erosion. 2010 - Site extended upstream. The lower Feather may benefit from a regional repair. 2011 - Site combined with 3.6. Minimal new erosion. 2013 - New erosion observed at bank toe. Trees on site now have exposed roots.					

Photo 1 of 1 : SP_2019_RD1001_38_13_20190305_00003.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	8.65	Rating **	A/W	Issue No.	12
LM End	8.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.835766 °	38.834778 °
				-121.633966 °	-121.634316 °
DWR ID	DWR_RD1001_04_s _ 2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

LM Start	11.05	Rating **	A/W	Issue No.	22
LM End	11.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802875 °	38.802000 °
				-121.632862 °	-121.632763 °
DWR ID	DWR_RD1001_04_s _ 2012_22				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	11.18	Rating **	M	Issue No.	10
LM End	11.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.800920 °	38.798165 °
				-121.633050 °	-121.631939 °
DWR ID	DWR_RD1001_04_f_2018_10				
Comment Code					
Inspector Comment					
2017 Site ID: FHR 1.0 L Status: Eroding 2017 Field Notes: Significant new erosion along lower bank. Site History: 2000 - Site is relatively stable except for some toe erosion at the upstream end, recommend monitoring the upstream end. 2004 - Some new block failures (10ft deep) at the toe of the upstream end. 2007 - Some minor new slumping at the waterline. 2013 - Minor new erosion along the bank toe.					

Photo 1 of 1 : SP_2019_RD1001_38_10_20190305_00002.jpg



USACE 2013 Photo #1

LM Start	11.24	Rating **	A/W	Issue No.	23
LM End	11.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800174 °	38.800174 °
				-121.632227 °	-121.632227 °
DWR ID	DWR_RD1001_04_s_2012_23				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	11.59	Rating **	M	Issue No.	9	
LM End	11.75	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 USACE Erosion Survey, DRAFT			38.795455 °	38.793394 °	
				-121.629903 °	-121.628156 °	
DWR ID	DWR_RD1001_04_f_2018_9					
Comment Code						
Inspector Comment						
2017 Site ID: FHR 0.6 L						
Status: Eroding						
2017 Field Notes: Further toe erosion, with sections of sand deposition.						
Site History: 1997- Deposits over top of cobble on the upper slope.						
2000 - Old cobble site in poor shape; some toe retreat, but little change; steep bank. 2010 - Site extended upstream due to new toe erosion.						
2012 - Minor new erosion at toe, new slumping, animals holes and cracks observed.						

Photo 1 of 1 : SP_2019_RD1001_38_9_20190305_00001.jpg



USACE 2013 Photo #1

LM Start	11.92	Rating **	M	Issue No.	56
LM End	11.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.791696 °	38.791696 °
				-121.625862 °	-121.625862 °
DWR ID	DWR_RD1001_04_f_2018_56				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes need to be properly backfilled, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_38_56_20190305_00029.jpg



View of landside levee slope of rodent holes that need to be properly backfilled, Fall 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	12.32	Rating **	A/W	Issue No.	24
LM End	12.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.787355 °	38.786507 °
				-121.621165 °	-121.619837 °
DWR ID	DWR_RD1001_04_s_2012_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

LM Start	12.65	Rating **	A/W	Issue No.	26
LM End	13.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.784513 °	38.781862 °
				-121.616045 °	-121.607855 °
DWR ID	DWR_RD1001_04_s_2012_26				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

LM Start	12.67	Rating **	A/W	Issue No.	11
LM End	13.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.784579 °	38.782150 °
				-121.615689 °	-121.607918 °
DWR ID	DWR_RD1001_04_f_2013_11				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Elderberry bush has been trimmed for access and visibility, Spring 2018.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Feather River	Left	13.27	03/05/2019 03/05/2019	Sterling York

LM Start	12.82	Rating **	C	Issue No.	151
LM End	12.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.783930 °	38.783930 °
				-121.612952 °	-121.612952 °
DWR ID	DWR_RD1001_04_s_2012_151				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree limbs have been trimmed for access and visibility, Spring 2019.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/05/2019 03/05/2019	Sterling York

LM Start	0.00	Rating **	A	Issue No.	14
LM End	5.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781189 °	38.830994 °
				-121.605459 °	-121.529875 °
DWR ID	DWR_RD1001_05_s_2019_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_39_14_20190320_00021.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2019.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	5.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.781189 °	38.830994 °
				-121.605442 °	-121.529875 °
DWR ID	DWR_RD1001_05_s_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_39_12_20190320_00020.jpg



View looking upstream landside at the well maintained annual vegetation, Spring 2019.

LM Start	1.78	Rating **	M	Issue No.	5
LM End	1.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.799037 °	38.799733 °
				-121.582706 °	-121.581585 °
DWR ID	DWR_RD1001_05_f_2018_5				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 1.9 L					
Status: Eroding New					
2017 Field Notes: Erosion along mid bank and sections of slumped bank.					
Site History:					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/05/2019 03/05/2019	Sterling York

LM Start	2.24	Rating **	M	Issue No.	6
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.803327 °	38.804206 °
				-121.575993 °	-121.574529 °
DWR ID	DWR_RD1001_05_f_2018_6				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 2.4 R Status: Eroding 2017 Field Notes: Site renamed, previously mislabeled as NCC 3.0. Erosion along mid bank slope. Site History: 2006 - Noted old saturation slumping of upper levee slope that is into the levee core (near high water line). 2011 - Erosion is into the top of the levee. This site is actually located at LM 2.4. 2016 - Site extended downstream. Slumping of entire meiddle levee section.					

No Photos

LM Start	2.31	Rating **	M	Issue No.	11
LM End	2.34	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.803877 °	38.804206 °
				-121.575053 °	-121.574529 °
DWR ID	DWR_RD1001_05_f_2018_11				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 3.0 R					
Status: Eroding					
2017 Field Notes: Site is part of the extended inventory, last inspected 2011.					
Site History: 2006 - Noted old saturation slumping of upper levee slope that is into the levee core (near high water line). 2011 - Erosion is into the top of the levee. This site is actually located at LM 2.5.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/05/2019 03/05/2019	Sterling York

LM Start	2.68	Rating **	M	Issue No.	9
LM End	3.13	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.807180 °	38.811122 °
				-121.569523 °	-121.562873 °
DWR ID	DWR_RD1001_05_f_2018_9				
Comment Code					
Inspector Comment					
2017 Site ID: NCC 2.9 R					
Status: Eroding New					
2017 Field Notes: Hummocky levee face, slumping upper bank.					
Site History: 2016 - Slumping of upper bank slope.					

No Photos

LM Start	5.05	Rating **	A/W	Issue No.	8	
LM End	5.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.828100 °	38.828188 °	
				-121.534740 °	-121.534625 °	
DWR ID	DWR_RD1001_05_f_2017_8					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:493						
Site Designation:RD 1001-03						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/17/2017						
Notes: Serious per senior review						

Photo 1 of 3 : LEVAL_SP_2019_493_1759.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Natomas Cross Canal	Right	5.39	03/05/2019 03/05/2019	Sterling York

LM Start	5.05	Rating **	A/W	Issue No.	8 (cont)	
LM End	5.06	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.828100°	38.828188°	
				-121.534740°	-121.534625°	
DWR ID	DWR_RD1001_05_f_2017_8					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:493						
Site Designation:RD 1001-03						
Repair Type: Erosion						
Rating:Serious						
Field Date:7/17/2017						
Notes: Serious per senior review						

LM Start	5.05	Rating **	A/W	Issue No.	8 (cont)
LM End	5.06	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_SP_2019_493_1762.jpg



Photo 3 of 3 : LEVAL_SP_2019_493_1763.jpg



* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/05/2019 03/05/2019	Sterling York

LM Start	0.01	Rating **	A	Issue No.	14
LM End	4.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.831162 °	38.896395 °
				-121.529601 °	-121.520190 °
DWR ID	DWR_RD1001_06_s_2019_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_40_14_20190320_00038.jpg



View looking upstream waterside at the well maintained annual vegetation, Spring 2019.

LM Start	0.02	Rating **	A	Issue No.	13
LM End	4.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.831223 °	38.896395 °
				-121.529534 °	-121.520190 °
DWR ID	DWR_RD1001_06_s_2019_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The annual vegetation is well maintained, Spring 2019.					

Photo 1 of 1 : SP_2019_RD1001_40_13_20190320_00037.jpg



View looking upstream landside at the well maintained annual vegetation, Spring 2019.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/05/2019 03/05/2019	Sterling York

LM Start	2.05	Rating **	A/W	Issue No.	8
LM End	2.05	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.860002 °	38.860002 °
				-121.524873 °	-121.524873 °
DWR ID	DWR_RD1001_06_s_2012_8				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Monitor this area and fix as needed.					

Photo 1 of 1 : SP_2019_RD1001_40_8_20190305_00003.jpg



View of crown where there is cross traffic looking upstream. Monitor this area and fix as needed.

LM Start	4.04	Rating **	A/W	Issue No.	7
LM End	4.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.888803 °	38.888803 °
				-121.524738 °	-121.524738 °
DWR ID	DWR_RD1001_06_s_2012_7				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Monitor this area and fix as needed.					

Photo 1 of 1 : SP_2019_RD1001_40_7_20190305_00002.jpg



View of crown where there is cross traffic looking upstream. Monitor this area and fix as needed.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Reclamation District No. 1001 Nicolaus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 East Side Canal	Right	4.74	03/05/2019 03/05/2019	Sterling York

LM Start	4.33	Rating **	A/W	Issue No.	19
LM End	4.33	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.892999 °	38.892999 °
				-121.524711 °	-121.524711 °
DWR ID	DWR_RD1001_06_f_2013_19				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
There are depressions on the crown where there is cross traffic. Monitor this area and fix as needed.					

Photo 1 of 1 : SP_2019_RD1001_40_19_20190305_00006.jpg



View of crown where there is cross traffic looking upstream. Monitor this area and fix as needed.

LM Start	4.48	Rating **	C	Issue No.	17
LM End	4.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.895234 °	38.895234 °
				-121.524514 °	-121.524514 °
DWR ID	DWR_RD1001_06_f_2017_17				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree limbs for access and visibility have been trimmed up and removed Spring 2018.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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